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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
January 4, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on January 4, 1967, with the following members present:

Dr. C. W. Aby, Victor Calvo, T. Louis Chess, Sam Della Maggiore, William Gness, Sidney D. Herkner, Laurence D. Kelly, James P. Kenny, Gordon E. Lowe, Kevin O'Shea, Peter A. Tamaras.

BOARD MEMBER ABSENT: Leland W. Sweeney.

ADVISORY COUNCIL MEMBERS PRESENT: Elmer Robinson, Chairman;
Richard H. Nelson.

HEARING BOARD MEMBERS PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker, Warren Crouse, John T. Donovan, Milton Feldstein, Edward W. McHugh, Kevin Maloney, and Mabel Harder.

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UNIVERSITY OF CALIFORNIA

THE COMMISSIONER OF THE DISTRICT OF COLUMBIA
WASHINGTON, D. C. 20541
JANUARY 10, 1967

MEMORANDUM FOR THE RECORD

TO: THE COMMISSIONER OF THE DISTRICT OF COLUMBIA
FROM: THE DISTRICT OF COLUMBIA
SUBJECT: [Illegible]

DATE: JANUARY 10, 1967
BY: [Illegible]

REFERENCE

A meeting of the Board of Directors of the District of Columbia was held on January 9, 1967, at which time the following resolutions were adopted:

- 1. That the Board of Directors of the District of Columbia do hereby authorize the Director of the District of Columbia to execute any and all documents necessary to carry out the purposes of this resolution.
- 2. That the Board of Directors of the District of Columbia do hereby authorize the Director of the District of Columbia to execute any and all documents necessary to carry out the purposes of this resolution.

Respectfully,
[Illegible Signature]

Very truly yours,
[Illegible Signature]

Respectfully,
[Illegible Signature]

Very truly yours,
[Illegible Signature]

Chairman Kenny called the meeting to order at 10:32 A.M. On motion of Mr. Della Maggiore; seconded by Mr. O'Shea, the Minutes of December 7, 1966, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
James P. Kenny, Chairman

Mr. Callaghan reported that the Executive Committee met prior to the Board meeting and discussed possible State legislation. He stated the Committee recommends that legislation be introduced to delete §24370.8 of The Law. Mr. Della Maggiore so moved; seconded by Dr. Aby; carried on roll call:

AYES: ABY, CALVO, CHESS, DELLA MAGGIORE, GNOSS, HERKNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

Mr. Walker reported the Committee also discussed Resolution No. 5841 adopted by Contra Costa County on December 27, 1966, pursuant to Revenue and Taxation Code §2131. He stated this resolution makes it mandatory for the Board to adopt a resolution on or before the last day of January to cause the levy of any District tax to be made in accordance with the provisions of Revenue and Taxation Code Division 1, Part 3.5. He stated the Committee recommends the adoption of such a resolution. On motion of Mr. Kelly; seconded by Mr. Lowe, Resolution No. 479, In the Matter of Complying with Revenue and Taxation Code §2131; carried on roll call:

AYES: ABY, CALVO, CHESS, DELLA MAGGIORE, GNOSS, HERKNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

Mr. Kenny reported that the Bay Area League of Industrial Ass'ns, Inc. recommends the appointment of Mr. Joseph D. Coons to the Advisory Council to replace Mr. William J. O'Connell. He stated this matter was referred to the Personnel Committee for consideration and report at the next meeting.

REPORT - BUDGET & FINANCE COMMITTEE
Sidney D. Herkner, Chairman

Mr. Herkner reported that the Budget & Finance Committee met prior to the Board meeting and recommends the adoption of the following resolution:

No. 480, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Order in Amount Exceeding \$1,000. Mr. Herkner so moved; seconded by Mr. Calvo; carried on roll call:

AYES: ABY, CALVO, CHESS, DELLA MAGGIORE, GNOSS, HERKNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

Chairman Kenny called the meeting to order at 10:35 A.M. On motion of Mr. Della Maggione, seconded by Mr. O'Shea, the Minutes of December 7, 1936, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
James Y. Kenny, Chairman

Mr. Callaghan reported that the Executive Committee met prior to the Board meeting and discussed possible State legislation. He stated the Committee recommends that legislation be introduced to delete §24370-B of the Law. Mr. Della Maggione moved; seconded by Mr. Aoy; carried on roll call:

AYES: AYO, CALVO, CHES, DELLA MAGGIONE, GROSS, HERRNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

Mr. Walker reported the Committee also discussed Resolution No. 3841 adopted by Santa Clara County on December 27, 1936, pursuant to Revenue and Taxation Code §2131. He stated this resolution makes it mandatory for the Board to adopt a resolution on or before the last day of January to cause the levy of any District tax to be made in accordance with the provisions of Revenue and Taxation Code Division 1, Part 3.5. He stated the Committee recommends the adoption of such a resolution. On motion of Mr. Kelly; seconded by Mr. Lowe; Resolution No. 479, in the Matter of Complying with Revenue and Taxation Code §2131, carried on roll call:

AYES: AYO, CALVO, CHES, DELLA MAGGIONE, GROSS, HERRNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

Mr. Kenny reported that the Bay Area League of Industrial Associations, Inc., recommends the appointment of Mr. Joseph D. Coons to the Advisory Council to replace Mr. William J. O'Connell. He stated this matter was referred to the Personnel Committee for consideration and report at the next meeting.

REPORT - BUDGET & FINANCE COMMITTEE
Edith D. Harkner, Chairman

Mr. Harkner reported that the Budget & Finance Committee met prior to the Board meeting and recommended the adoption of the following resolution:

No. 480, in the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Order in Amount Exceeding \$1,000. Mr. Harkner so moved; seconded by Mr. Calvo; carried on roll call:

AYES: AYO, CALVO, CHES, DELLA MAGGIONE, GROSS, HERRNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

Mr. Herkner presented the Controller's Appropriation Statement and Cash Position of the District as of November 30, 1966, and moved the approval of the Statement; seconded by Mr. Della Maggiore; carried.

REPORT - ADVISORY COUNCIL
Elmer Robinson, Chairman

Mr. Robinson reported that during December the Language Committee met on Regulation 3 and recommends its adoption.

Mr. Robinson further reported that several members of the Council attended the National Conference on Air Pollution in Washington, D.C., and that the general impressions derived from this Conference were that the Federal Government is moving into air pollution control in a major way by establishing the National Center for Air Pollution Control, and that the State of California is ahead of other parts of the country in the control of air pollution.

REPORT - AUTO AIR POLLUTION CONTROL
Eric P. Grant, Executive Director
Motor Vehicle Pollution Control Board

Mr. Grant presented a statement to the Board on vehicular pollution reduction. He stated there are about 11 million cars in the State, of which $6\frac{1}{2}$ million are now equipped with crankcase control systems, which control about 25% of the emissions, and which are 100% effective. He also reported that more than a million 1966 and 1967 model automobiles now have State-approved exhaust control systems which control about 65% of the emissions, and which are about 65-70% effective. Mr. Grant stated that further improvement on the exhaust control device is necessary and that starting next year the MVPCB is requiring that they operate within State standards for at least 50,000 miles, with only one tune-up permitted at 25,000 miles, instead of the present 12,000 miles requirement. Mr. Grant also advised that automobile manufacturers are working on modifications and improvements to the internal combustion engine. He stated that evaporation loss accounts for about 10% of the emissions and that it is expected that such a control system will be in 1970 model cars.

In discussion of the problem of diesel emissions, Mr. Grant advised that test procedures have been established for diesel devices, and that the MVPCB is working with truck operators and fuel suppliers to try to control these emissions. Mr. Grant also advised that the California Highway Patrol and local police can enforce the excessive smoke emission law. Mr. Callaghan stated that the facilities of the District's Plume Evaluation Training Unit has been offered to the CHP for training its personnel in the reading of Ringelmann, and that the facility is also available to the local police departments.

Mr. Tamaras requested information on the total number of citations issued by the CHP on excessive smoke emissions during 1966, and Mr. Grant stated he would furnish him with this information.

PUBLIC HEARING TO CONSIDER ADOPTION OF
REGULATION 3 CONTROLLING ORGANIC EMISSIONS

Chairman Kenny opened the Public Hearing at 11:15 A.M. Roll call was taken:

PRESENT: ABY, CALVO, CHESS, DELLA MAGGIORE, GNOSS, HERKNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.
ABSENT: SWEENEY.

Affidavits of Publication of Notice of Public Hearing were filed with the Clerk.

Mr. Callaghan called attention to his memorandum to the Board on Regulation 3 and briefly reviewed it, as well as specific sections of Regulation 3. He pointed out that Regulation 3 has been under study since 1963, and that it is designed to reduce the emission of reactive organic compounds into the atmosphere from industrial sources. He stated that Regulation 3 would go into effect one year after its adoption by the Board.

Mr. Milton Feldstein, Director of Technical Services, reviewed the scope of Regulation 3. He pointed out there are two major kinds of air pollution in the Bay Area, that which is experienced in the wintertime caused by visible dust emissions, which is known as haze; and that which occurs in the spring through fall months caused by invisible gases which react in the atmosphere and form smog. He stated that it is this latter type air pollution which Regulation 3 will help to control.

Mr. Feldstein stated that approximately 102 T/D reactive organic compounds are emitted from industrial sources, of which approximately 47 T/D will be controlled by Regulation 3. He also stated that industrial sources on a voluntary basis have already controlled 20 T/D of such emissions. Mr. Feldstein pointed out that an additional 150 T/D of this type emission is from backyard burning and agricultural burning, and another 485 T/D from automobiles.

Mr. Feldstein showed the Board the combustible gas indicator which he stated would be the enforcement tool used to determine whether or not a source is in compliance.

The following persons presented statements in favor of the adoption of Regulation 3:

V. A. Fink, President
Bay Area League of Industrial Ass'ns, Inc.

James Hanson
Western Oil and Gas Association
Bay Area Air and Water Conservation
Subcommittee

Elmer Robinson, Chairman
Advisory Council

There were no statements presented in opposition to the adoption of Regulation 3.

After discussion, Dr. Aby moved the adoption of Resolution No. 481, In the Matter of Adopting a Regulation of the Bay Area Air Pollution Control District Regulating the Emission of Organic Gases; seconded by Mr. Lowe; carried on roll call:

AYES: ABY, CALVO, CHESS, DELLA MAGGIORE, GNOSS, HERKNER,
KELLY, KENNY, LOWE, O'SHEA, TAMARAS.

NOES: NONE.

ABSENT: SWEENEY.

Chairman Kenny expressed the Board's appreciation to the industrial groups, the staff and others for their efforts in behalf of Regulation 3. The Board unanimously adopted Resolution No. 482, In the Matter of Expressing the Appreciation of the Board of Directors to the Members of the Advisory Council of the Bay Area Air Pollution Control District.

COMMUNICATIONS
Secretary O'Shea

There were no communications.

Chairman Kenny stated the Board would take note of the various reports of the Staff for the month of December.

TIME AND PLACE OF NEXT MEETING

The time and place of the next regular meeting were set for 10:00 A.M., February 1, 1967, 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. Della Maggiore; seconded by Mr. O'Shea, the meeting adjourned at 12:05 P.M.

Respectfully submitted,

Kevin O'Shea, Secretary.

mh

JK2466

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
April 12, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on April 12, 1967, with the following members present:

Dr. C. W. Aby, Victor Calvo, Sam Della Maggiore, William Gness, Sidney D. Herkner, Laurence D. Kelly, James P. Kenny, Gordon E. Lowe, Kevin O'Shea.

BOARD MEMBERS ABSENT: Robert B. St. Clair, Leland W. Sweeney, Peter A. Tamaras.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, John T. Donovan, Milton Feldstein, Kevin Maloney, Edward W. McHugh, and Mabel Harder.

Chairman Kenny called the meeting to order at 10:10 A.M.

On motion of Mr. Della Maggiore; seconded by Dr. Aby, the Minutes of April 5, 1967, were unanimously approved.

REVIEW OF PROGRAM FOR THE CONSTRUCTION OF THE DISTRICT OFFICE

Report on the Formation of the Non-Profit Corporation and Building Site Location

Mr. Jack H. Dooling from the firm, Dooling, Kelly & Moiseeff, Counsels for the non-profit corporation, reported to the Board on the formation of the Corporation, stating that after consultation with Mr. Harry Ross, Controller for the District in July, 1965, the site for the District office building was selected by the Board of Directors, and the Corporation was formed on August 23, 1966. He reported that the officers of the Corporation are Allen K. Browne, Executive Vice President, Bank of America; Nels Ecklund, Jr., Executive Vice President, Kaiser Industries; and A. A. Dempsey, Dempsey Insurance, San Jose.

Mr. Dooling reported further that the Corporation has reviewed the plans and specifications of the proposed building and by resolution gave its approval of them as to principle, and that such plans and specifications are now subject to the approval of the Board of Directors.

Discussion of Financing and Bond Placement

Mr. Charles McPhee of Rafferty & Co., municipal financial consultants, presented to the Board the preliminary prospectus for the sale of the Bay Area Air Pollution Control District Administrative Building Corporation Bonds in the amount of \$1,750,000., and reviewed it. He stated the basic function of Rafferty & Co. is to obtain for the District the lowest possible interest rate available and to keep capitalized cost as low as possible.

Mr. McPhee stated that at the present time it is estimated the interest rate will be $4\frac{1}{2}\%$ maximum, and that hopefully it will be less. He advised that it is desirable for a District representative to meet with the financial representatives in the East, and that Rafferty & Co. will defray the expenses involved.

Mr. O'Shea arrived at 10:35 A.M.

On inquiry from Mr. Lowe as to a rating on the bonds, Mr. McPhee stated he would attempt to get a rating, and would discuss the matter with Mr. James Rafferty.

Mr. Tom Shearer from the firm Orrick, Dahlquist, Herrington & Sutcliffe, explained that his firm were the bond counsels for the issuance and sale of the bonds. He stated the firm had filed with and received from the Internal Revenue Service a ruling that the interest on the bonds to be issued will be exempt from Federal Income Tax and that the income for the Corporation will also be exempt from Federal Income Tax.

On inquiry from Mr. Della Maggiore, Mr. Shearer stated the construction contract will be entered into by the Corporation and that it can negotiate with the bidders.

In discussion of the Summary of Estimated Distribution of \$1,750,000 Bond Proceeds, Mr. Della Maggiore suggested that the Plan Check be by the City & County of San Francisco, and that the Architect Fee read, "6% of the bid price", and that it be so stated in the contract.

Presentation of District Building Plans and Specifications

Mr. Robert Herman, associate of John Bolles, and Mr. Harold Majors, Project Architect, distributed to the Board the final architectural drawings and reviewed them. Mr. Herman stated the preliminary plans have received the approval of the Redevelopment Agency. He also stated that the specifications are complete and available for the Board's review.

Mr. Della Maggiore suggested that the specifications be written so that some qualified bidders would not be eliminated. Mr. Herman stated that in general the specifications are written with a set quality standard or an equal quality standard and that the U. S. Standards are referred to.

Mr. Majors requested approval to let the contract to a select list of bidders by invitation and he proposed the following list of contractors.

Haas & Haynie, San Francisco
Elvin C. Stendell, Inc., San Francisco
Cahill Construction Co., San Francisco (alternate)
Swinerton & Walberg Co., Alameda County
Williams & Burrows, San Mateo County
Carl N. Swenson Co., Inc., Santa Clara County
William H. McDevitt Co., Marin County
Shahan & Kirkham, Contra Costa County
Western Empire Construction Co., Contra Costa County

Mr. Kenny suggested that Elmer Freethy Co., Contra Costa County and Jas E. Roberts Co., Alameda County, be added to the list.

Mr. Della Maggiore left at 11:15 A.M.

Mr. Gness suggested that Rothschild, Raffin & Weirick, San Francisco be added to the list.

Mr. Herkner suggested that Stevenson Pacific, Inc., San Mateo County, be added to the list.

After discussion, the Board approved that the contract be let to bid to the select list of contractors by invitation.

The Board discussed whether the partitions in the District offices should be moveable. Mr. Herman explained that they were moveable to a certain degree.

Dr. Aby suggested that the bathroom facilities on the Administrative floor be arranged for handicapped people also. He suggested that the architects consult the American Standards for Handicapped Persons with respect to the doors.

Mr. Herman explained that the proposed building would have 17,900 square feet of parking space, the cost for which is figured at \$12. a square foot; and 50,600 square feet of office space, cost for which is figured at approximately \$22. a square foot.

The Board discussed whether the floor surfacing throughout should be of vinyl asbestos tile or of institutional carpeting. Mr. Herman pointed out that although there is an additional initial cost for carpeting, it eliminates the necessity for an accoustical ceiling, and lowers the maintenance costs. He explained that no carpeting would be installed in certain areas such as the laboratory, store rooms, etc..

Mr. Calvo left at 11:40 A.M.

After discussion, Chairman Kenny requested Mr. Herman to furnish to the Board information on other buildings which have installed carpeting throughout.

Mr. Herman stated that the specifications now provide for clear glass but that for an additional \$2000. approximately, solar glass could be installed. He pointed out that with solar glass the air conditioning costs and maintenance costs would be reduced. After discussion, the Board approved solar glass for the building. Mr. Herman stated that samples of the various shades of solar glass will be presented to the Board for its decision as to color.

Mr. Herman stated the plans provide for fixed windows, explaining that there is approximately \$6000. difference in cost between a fixed sash and an operable sash.

Mr. Callaghan stated that in the near future he would present to the Board some figures on maintenance costs.

Mr. Herman advised that the plans would be let to bid to the contractors who accept the invitation on April 24th; that last changes may be made by May 6th; that the bids will be due on May 11, 1967 at 2:30 P.M. in the architect's office; that the District has 45 days thereafter to award the contract; and that the contractor is obligated to start construction within 5 days after the award is made.

After discussion, Mr. Lowe moved that the Board adopt the program for the construction of the new building, including the final plans and specifications, in principle; seconded by Mr. O'Shea; carried on roll call:

AYES: ABY, GNOSS, HERKNER, KELLY, KENNY, LOWE, O'SHEA.
NOES: NONE.
ABSENT: CALVO, DELLA MAGGIORE, ST. CLAIR, SWEENEY, TAMARAS.

Approval of Contract Between District and the City of
Petaluma for Engineering and Enforcement Services

Mr. Callaghan stated that the City of Petaluma has requested assistance from the District in solving the problems of a rendering plant. He stated the Executive Committee at its meeting on February 1, 1967, recommended that the District enter into a contract with the City of Petaluma for this purpose. After discussion, Dr. Aby moved the adoption of Resolution No. 487, In the Matter of Authorizing the Chairman of the Board of Directors to Execute a Joint Exercise of Powers Agreement with the City of Petaluma; seconded by Mr. Gnost; carried on roll call:

AYES: ABY, GNOSS, HERKNER, KELLY, KENNY, LOWE, O'SHEA.
NOES: NONE.
ABSENT: CALVO, DELLA MAGGIORE, ST. CLAIR, SWEENEY, TAMARAS.

Discussion of Proposed Increase in the District's Air Monitoring
and Source Test Programs in Connection with Federal Funds

Mr. Feldstein called attention to the report, Request for Supplemental Federal Grant Fiscal 67-68, dated April 11, 1967. He stated that under an existing Federal Grant Program the District is to establish 4 air monitoring stations, and that it is now proposed that 2 additional partial stations be established to monitor oxidant and hydrocarbons only, one to be located in the Fremont area and one to be located between San Francisco and Redwood City, as well as to establish in all stations a particulate network. He pointed out that the cost for the expanded program for one year would be \$44,695, of which the District's cost would be \$11,100. He stated in the succeeding year the District would apply for a Maintenance Grant to continue to operate the stations.

After discussion, Mr. O'Shea moved that the District apply to the Federal Government for such a supplemental grant; seconded by Mr. Kelly; carried.

Mr. Callaghan called attention to the report, Request for Federal Grant to Expand Source Test Program dated April 11, 1967, and reviewed it. He stated that a number of source tests will have to be conducted in connection with enforcing Regulation 3, and that as a result it will be necessary to employ a second source test team consisting of 2 people, as well as to provide another chemist in the laboratory to analyze the results of the tests. He requested approval for the District to apply to the Federal Government for an Improvement Grant for one year, stating that in the succeeding year a Maintenance Grant will be applied for to continue the operation. Mr. Callaghan pointed out that the repeal of §24370.8 of the District Law will not become effective until 60 days after the Legislature adjourns so that the District in its application will request that the grant become effective at that time, which will probably be September.

After discussion, Mr. Kelly moved that the District apply for such an Improvement Grant; seconded by Mr. Gness; carried.

OTHER

Chairman Kenny stated this was the last meeting at which Dr. Aby would serve as a Board member because his term as City Councilman expires. On motion of Mr. Gness; seconded by Mr. Herkner, Resolution No. 488, In the Matter of Expressing the Appreciation of the Board of Directors to Dr. Charles W. Aby, was unanimously adopted on roll call:

AYES: GNESS, HERKNER, KELLY, KENNY, LOWE, O'SHEA.

NOES: NONE.

ABSENT: CALVO, DELLA MAGGIORE, ST. CLAIR, SWEENEY, TAMARAS.

Mr. Callaghan stated that the Personnel Committee would meet on April 20, 1967, at 4:00 P.M., 1480 Mission Street, San Francisco.

Mr. Callaghan stated the Budget & Finance Committee would meet on May 3, 1967 at 1:00 P.M., 1480 Mission Street, San Francisco.

TIME AND PLACE OF NEXT MEETING

The time and place of the next regular meeting were set for 10:00 A.M., Wednesday, May 3, 1967, 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, the meeting adjourned at 12:30 P.M.

Respectfully submitted,

Kevin O'Shea, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
June 7, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on June 7, 1967, with the following members present:

Victor Calvo, William Gness, Sidney D. Herkner, Laurence D. Kelly, James P. Kenny, Gordon E. Lowe, Robert B. St. Clair, Arthur W. Smith, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBERS ABSENT: Sam Della Maggiore, Kevin O'Shea.

ADVISORY COUNCIL MEMBERS PRESENT: Elmer Robinson, Chairman;
Dr. Theodore K. Cleveland.

HEARING BOARD MEMBERS PRESENT: E. Spencer Bodine, Joseph G. Hunter.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker, John T. Donovan, Milton Feldstein, Herbert C. Johnson, Kevin Maloney, Edward W. McHugh, and Mabel Harder.

JUN 11 1967
UNIVERSITY OF CALIFORNIA

Chairman Kenny called the meeting to order at 10:37 A.M.

On motion of Mr. Herkner; seconded by Mr. Calvo, the Minutes of May 3, 1967, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
James P. Kenny, Chairman

Mr. Callaghan stated that the Executive Committee met prior to the Board meeting and received a report on the latest developments with respect to the new building. After discussion, on motion of Mr. Tamaras; seconded by Mr. Herkner, Resolution No. 493, In the Matter of Authorizing the Chairman of the Board of Directors to Execute an Ownership Participation Agreement, an Agreement for Disposition of Land for Private Redevelopment, and a Declaration of Restriction, carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE, ST. CLAIR,
SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE, O'SHEA.

Mr. Callaghan stated the Committee also discussed State and Federal legislation, and particularly AB-2469 (Mulford) which creates an Environmental Quality Control Board in the State government to coordinate State action on air and water pollution and solid waste management and which creates a State Air Resources Board to regulate air pollution on a statewide basis; continues county and regional air pollution control districts for the purposes of enforcement of State standards. Mr. Callaghan stated the Committee recommends that the Board endorse this legislation in principle as amended June 6, 1967. After discussion, Mr. Lowe so moved; seconded by Mr. Kelly; carried.

Mr. Callaghan in further reporting, stated the Committee approved out-of-state travel for members of the Board, Advisory Council and Staff to attend the Air Pollution Control Association annual meeting in Cleveland, Ohio, June 11-16, 1967.

Mr. Callaghan stated that the Committee also discussed the necessity for having a special meeting to approve the final plans for the new building before the contract is awarded by June 26, 1967, and that the Committee recommends that this meeting be held June 21, 1967, at 11:00 A.M., 1480 Mission Street, San Francisco.

REPORT - BUDGET & FINANCE COMMITTEE
Sidney D. Herkner, Chairman

Mr. Herkner presented the Controller's Appropriation Statement and Cash Position of the District as of April 30, 1967, and moved the approval of the Statement; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE, O'SHEA.

Mr. Herkner reported that the Budget & Finance Committee met prior to the Board meeting and recommends that the Board retain the services of the firm of Peat, Marwick, Mitchell & Co., Certified Public Accountants, to perform the Audit for the Fiscal Year 1966-67; that the Chairman of the Board be authorized to sign the contract for these services, and that a resolution be prepared for adoption at the next meeting of the Board, and he so moved; seconded by Mr. St. Clair; carried.

Mr. Herkner stated the Committee also recommends the adoption of the following resolutions:

Resolution No. 494, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Two Purchase Orders in Amounts Exceeding \$1,000; on motion of Mr. Herkner; seconded by Mr. Kelly; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 495, In the Matter of Authorizing a Transfer of Funds to Provide for Expenses of the District; on motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE, O'SHEA.

Mr. Walker filed with the Minutes Clerk six Affidavits of Publication of Notice to Taxpayers in connection with the final budget for the 1967-68 Fiscal Year.

Mr. Herkner stated the Committee also recommends the adoption of the following resolutions in connection with the adoption of the budget:

Resolution No. 496, In the Matter of Transferring Funds from Permanent Salaries to a Reserve for Adjustments; on motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 497, In the Matter of Transferring Funds from the Unencumbered Balance of Appropriations to Fund Balance-Available. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 498, In the Matter of Transferring Funds from Fund Balance-Available to Reserve for Capital Outlay for Fiscal Year 1967-68. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 499, In the Matter of Transferring Funds from Fund Balance-Available to the General Reserve. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 500, In the Matter of Providing for the Continuance of the General Reserve from Year to Year. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 501, In the Matter of Carrying Forward Sales and Use Tax Reserve as Encumbered Surplus. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 502, In the Matter of Approving the Budget for the Bay Area Air Pollution Control District for the Fiscal Year Ending June 30, 1968 (1967-68). On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

Resolution No. 503, In the Matter of Informing the Constituent Counties of the Bay Area Air Pollution Control District of Financial Contributions, Pursuant to Health and Safety Code Section 24370.1 for the Fiscal Year Ending June 30, 1968. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA.

REPORT - ADVISORY COUNCIL
Elmer Robinson, Chairman

Mr. Robinson reported that the Ad Hoc Committee to Review Regulation 2 met on May 9th and received a report from the Staff on the quantity and quality of particulate matter being emitted to the atmosphere from various source categories. He stated representatives from the Bay Area League of Industrial Associations, Peninsula Manufacturers Association, Western Oil & Gas Association and other industries were present at this initial meeting of the Committee. He stated discussion was held on the impact on the industrial community should Regulation 2 be made more stringent, and that the next meeting of the Committee was scheduled for June 20th.

Mr. Robinson further reported that the Bay Area Health Committee met on May 17th and discussed the future activities of the Committee and its role and responsibilities in the health community of the Bay Area.

Mr. Robinson reported that the Advisory Council held its regular meeting on May 31st, at which the Citizens Against Air Pollution made a presentation. The Agriculture Committee reported that a field trip to view the problems of stubble burning as it pertains to double cropping will be made on Thursday, June 22nd. Mr. Robinson invited the members of the Board to participate in this field trip and advised that further information would be sent to them. He stated that 5 members of the Council would attend the Air Pollution Control Association annual meeting in Cleveland, Ohio, June 11-16, 1967, and that a technical report on this meeting would be given to the Board.

Mr. Robinson stated that new officers were elected for the 1967-68 Fiscal Year, being Dr. Theodore K. Cleveland, Chairman, whom he introduced; Richard H. Nelson, Vice Chairman, and Robert L. Severns, Secretary.

In discussion of the report, Mr. Gness requested that the stubble burning field trip be postponed if possible because he had other commitments on that day and would like to make the tour. Mr. Robinson stated he would discuss the feasibility of such a postponement with the sponsors of the tour.

Mr. Sweeney left at 11:05 A.M.

Mr. Kenny moved the adoption of Resolution No. 504, In the Matter of Expressing Appreciation to the Officers of the Advisory Council; seconded by Mr. Tamaras; carried.

Mr. Calvo inquired as to the progress being made with respect to agricultural burning under Regulation 1. Mr. Callaghan stated that the Staff has been meeting with representatives of the agricultural industry and that the Staff has presented them with proposed restrictions as to burning which is being reviewed by the agricultural group.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Progress Report on New Building

Reported under Executive Committee

Monthly Progress Report

Mr. Callaghan called attention to the Compliance Schedule Status as of May 31, 1967, and to a correlating chart, pointing out that 345 sources were found to be in compliance during the month; 83 companies were brought into compliance, and 107 incinerators were either removed from service or operating in full compliance with Regulation 2. He stated

that in August a progress report on the accomplishments of the District during the 1966-67 Fiscal Year would be presented to the Board.

Mr. Callaghan called attention to the Enforcement Division report for the month of May, pointing out that 255 violation notices were issued; and 4914 inspections were conducted. He stated the District's surveillance hours are now 6:00 A.M. to 8:30 P.M. He pointed out that a misdemeanor conviction in Alameda County for open burning in violation of Regulation 1 resulted in a sentence of ten days imprisonment, suspended, and the violator placed on probation for one year.

Mr. Callaghan called attention to the Record of Observed Violations and stated that it might be necessary to seek misdemeanor powers with respect to ships because of the number of violations and the difficulty in enforcing the regulations with respect thereto.

After discussion, Mr. Tamaras moved that the Staff proceed immediately to formulate legislation to provide misdemeanor powers for ship violations; seconded by Mr. Calvo; carried.

Mr. Callaghan called attention to the report, Weekend, Early Morning & Evening Coverage-May, 1967, and to the report of the Technical Services Division. He pointed out that there were 4 days of adverse oxidant levels, the high being .32 in San Leandro on May 15th, and that there were no days when carbon monoxide levels were in excess of 15 ppm.

Mr. Callaghan stated that Mr. Feldstein attended the 2-day Agricultural Research Grant Conference in Redding. Mr. Feldstein in briefly reporting on this meeting stated that much useful information was obtained on the measurement of moisture content of tree prunings and that in connection with agricultural burning, it might be possible to prescribe the amount of moisture content so that better combustion would result.

Mr. Callaghan introduced Mr. Olle Aslander, Assistant Secretary of the Swedish National Committee for Air Purification, who is visiting the District.

Mr. Callaghan introduced Mr. B. B. Garretson, consulting engineer, explaining that he was one of the three representatives from the San Francisco Chamber of Commerce who made an extensive review of municipal incinerators in Europe. Mr. Garretson briefly reported on the European tour, and stated that it was the opinion of the Committee, which was so reported to the Board of Directors of the Chamber, that it appeared technically feasible for municipal incinerators to meet the requirements of Regulation 2.

Mr. Herbert C. Johnson, District Senior Air Pollution Engineer, stated that although the Staff did not know what the opacity of the plume of a municipal incinerator would be, it is felt it could meet Regulation 2, but he stated this type installation is fairly expensive.

REPORT - PERSONNEL COMMITTEE

William A. Gness, Chairman

Mr. Gness reported that the Personnel Committee met prior to the Board meeting and recommends the adoption of Resolution No. 505, In the Matter of Reappointing E. Spencer Bodine as a Member of the Hearing Board. Mr. Herkner so moved; seconded by Mr. Tamaras; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
ST. CLAIR, SMITH, TAMARAS.

NOES: NONE.

ABSENT: DELLA MAGGIORE, O'SHEA, SWEENEY.

REPORT - DISTRICT COUNSEL

Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases and Office Conferences dated June 1, 1967, and reviewed it. He also called attention to the report, Variances in Effect as of June 1, 1967.

Mr. St. Clair left at 11:45 A.M.

Mr. Walker reported that he has been attending meetings of the Constitution Revision Commission which is reviewing and revising Article XI of the State Constitution. He stated that presently Special Districts are not provided for in the Constitution but that it is anticipated that in the revision of Article XI they will be.

Mr. Walker also reported that representatives from several special districts are forming an organization similar to The League of Cities and the County Supervisors Association and that they may make recommendations as to legislation. Mr. Kenny stated he did not feel any independent group should make recommendation on legislation concerning air pollution unless it is so recommended by the District's Board of Directors.

On motion of Mr. Herkner; seconded by Mr. Tamaras, Resolution No. 506, In the Matter of Expressing the Appreciation of this Board of Directors to Honorable John T. Knox, Assemblyman, 11th District, was unanimously adopted.

Mr. Walker reviewed for the Board the three cases pending before the U. S. Supreme Court on the matter of the one-man-one-vote rule. Chairman Kenny requested that Mr. Walker furnish each Board member with a memorandum on the case, Camara vs. Municipal Court.

APPOINTMENT OF NOMINATING COMMITTEE FOR
BOARD OFFICERS FOR FISCAL YEAR 1967-68

Chairman Kenny appointed as the Nominating Committee: William Gness, Chairman; Gordon E. Lowe, and Leland W. Sweeney.

COMMUNICATIONS
Secretary O'Shea

In the absence of Mr. O'Shea, Mr. Tamaras reported there were no communications.

TIME AND PLACE OF NEXT MEETING

Mr. Tamaras moved that the meeting be adjourned to 11:00 A.M., Wednesday, June 21, 1967, at 1480 Mission Street, San Francisco, California; seconded by Mr. Calvo; carried.

There being no further business to come before the Board, the meeting adjourned at 12:05 P.M.

Respectfully submitted,

James P. Kenny, Chairman.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS ADJOURNED REGULAR MEETING

Wednesday
June 21, 1967
11:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

An adjourned regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on June 21, 1967, with the following members present:

Sam Della Maggiore, William Gnoss, Laurence D. Kelly, James P. Kenny, Kevin O'Shea, Robert B. St. Clair, Arthur W. Smith, Peter A. Tamaras.

BOARD MEMBERS ABSENT: Victor Calvo, Sidney D. Herkner, Gordon E. Lowe, Leland W. Sweeney.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker, Warren Crouse, Kevin Maloney, Edward W. McHugh, and Mabel Harder.

INSTITUTE OF ENVIRONMENTAL
STUDIES

JUL 2 1967

UNIVERSITY OF CALIFORNIA

Chairman Kenny called the meeting to order at 11:07 A.M.

After correcting the Minutes of the meeting of June 7, 1967, on page 6, paragraph 5, the first sentence to read, "Mr. Kelly moved.....", on motion of Mr. Kelly; seconded by Mr. Della Maggiore, the Minutes were unanimously approved as corrected.

REVIEW OF PROGRAM FOR THE CONSTRUCTION OF THE DISTRICT OFFICE

Report on the Action of the Non-Profit Corporation

Mr. Jack H. Dooling from the firm, Dooling, Kelly & Moiseeff, Counsels for the non-profit corporation, reported that the Corporation met on June 19th and adopted a resolution approving a construction contract between the Corporation and Swinerton & Walberg. He stated the Corporation also adopted resolutions approving a Site Lease and a Facility Lease between the Corporation and the BAAPCD; and a resolution approving a form of indenture to be entered into by the Corporation and Bank of America National Trust and Savings Association, as Trustee. Mr. Dooling also reported that the Corporation adopted the form of bond certificate and approved the sale of the bonds, as well as the gift to the District of the beneficial interest in the outstanding membership certificates of the Corporation. He stated the Corporation ratified all other business transacted by the Board of Directors of the Corporation.

Report of Financing and Bond Placement

Mr. James Rafferty of James Rafferty & Company reported that arrangements had been completed whereby the bonds of the Corporation will be sold at an average rate of 4.69% to Bank of America and Industrial Indemnity Company; and to Crocker-Citizens National Bank and Rafferty & Co. on an interim basis for later sale to All-State Insurance Company and St. Paul Fire and Marine Insurance Company.

Mr. St. Clair arrived at 11:20 A.M.

Mr. Rafferty stated that with respect to refinancing, the bonds are callable at the option of the Corporation in 1980.

Mr. Callaghan called attention to the reports, District Administrative Building Project Cost (Revised 6/19/67), and BAAPCD \$1,750,000 Administrative Bldg. Corporation Bonds-Bonds dated March 1, 1967.

Report on Building Cost and Plans and Specifications

Mr. Robert Herman with John S. Bolles, Architect, called attention to their report on the summary of the building conditions and reviewed it for the Board. He pointed out that the successful low bidder was Swinerton & Walberg, and that the effective contract price was \$1,300,323, representing a cost of \$18.30 per square foot for 71,000 square feet total gross area.

Mr. Walker advised that the District is presently negotiating with the Redevelopment Agency on the demolition cost and that it is hoped the District will receive approximately \$1000. credit from them on this cost.

Mr. Callaghan called attention to the report, District Annual Cost for New Building dated June 21, 1967, and reviewed it.

Board Action on Financing and Construction of District Building

On motion of Mr. O'Shea; seconded by Mr. St. Clair, Resolution No. 507, Of the Board of Directors of the Bay Area Air Pollution Control District approving the members of District Administrative Building Corporation, approving financing of a new administrative building by said Corporation, authorizing execution of a Site Lease and a Facility Lease between the District and said Corporation, approving financing arrangements for the bonds of said Corporation, accepting gift of beneficial interest in membership certificates of said Corporation, approving the plans and specifications of new administrative building, and approving contract for construction of new administrative building; carried on roll call:

AYES: DELLA MAGGIORE, GNOSS, KELLY, KENNY, O'SHEA,
ST. CLAIR, SMITH, TAMARAS.
NOES: NONE.
ABSENT: CALVO, HERKNER, LOWE, SWEENEY.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., July 12, 1967 at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, the meeting adjourned at 11:50 A.M.

Respectfully submitted,

Kevin O'Shea, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
July 12, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on July 12, 1967, with the following members present:

Victor Calvo, William A. Gness, Sidney D. Herkner,
Laurence D. Kelly, James P. Kenny, Gordon E. Lowe,
Kevin OShea, Robert B. St. Clair, Arthur W. Smith,
Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Sam Della Maggiore.

ADVISORY COUNCIL MEMBER PRESENT: Dr. Theodore K. Cleveland, Chairman

HEARING BOARD MEMBERS PRESENT: E. Spencer Bodine, Joseph G. Hunter.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
Warren Crouse, John T. Donovan, Milton Feldstein, Edward
W. McHugh, Kevin Maloney, and Mabel Harder.

INSTITUTE OF GOVERNMENT
JUL 13 1967

UNIVERSITY OF CALIFORNIA

Chairman Kenny called the meeting to order at 10:25 A.M.

On motion of Mr. St. Clair; seconded by Mr. Smith, the Minutes of the meeting of June 21, 1967, were unanimously approved.

REPORT - NOMINATING COMMITTEE
William A. Gness, Chairman

Mr. Gness reported that it was the recommendation of the Nominating Committee that the following be elected as officers for the 1967-68 Fiscal Year: Kevin O'Shea, Chairman; Sam Della Maggiore, Vice Chairman; Laurence D. Kelly, Secretary. He moved that the Board approve the recommendation; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE.

Mr. Kenny then turned the meeting over to the new Chairman, Mr. O'Shea. On behalf of the Board of Directors, Mr. O'Shea presented a gavel to Mr. Kenny for his service during the 1966-67 Fiscal Year.

REPORT - EXECUTIVE COMMITTEE
James P. Kenny, Chairman

Mr. Callaghan stated that the Executive Committee met prior to the Board meeting and received a report on the latest developments with respect to the new building. He stated the Committee also discussed State and Federal legislation; proposed changes to the Administrative Code requested by the Budget & Finance Committee; and approved the appointment of Herbert C. Johnson, Senior Air Pollution Engineer, as a consultant to the Department of Health, Education & Welfare on its solid waste disposal problem.

REPORT - BUDGET & FINANCE COMMITTEE
Sidney D. Herkner, Chairman

Mr. Herkner reported that the Budget & Finance Committee met prior to the Board meeting and recommends the adoption of the following resolutions:

Resolution No. 508, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Order for Insurance in Amount Exceeding \$1,000. On motion of Mr. Herkner; seconded by Mr. Kenny; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE.

Resolution No. 509, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Two Purchase Orders for Insurance in Amounts Exceeding \$1,000. On motion of Mr. Herkner; seconded by Mr. Kenny; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE.

Resolution No. 510, In the Matter of Appropriating Funds from the Reserve for Capital Outlay to the Capital Outlay Accounts. On motion of Mr. Herkner; seconded by Mr. Tamaras; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE.

Resolution No. 511, In the Matter of Appropriating Funds for the Operation of the Federal Grant Project for Air Monitoring. On motion of Mr. Herkner; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE.

Resolution No. 512, In the Matter of Authorizing the Chairman of the Board of Directors to Execute an Agreement for Auditing Services. On motion of Mr. Kenny; seconded by Mr. Lowe; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, LOWE,
O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: DELLA MAGGIORE.

Mr. Herkner presented the Controller's Statement and Cash Position of the District as of May 31, 1967, and moved the approval of the Statement; seconded by Mr. St. Clair; carried.

Mr. Herkner reported that it is the recommendation of the Committee that §2.1, §7.1, §14.1 and §14.3 of the Administrative Code be amended. He stated the proposed amendments would require that the Chairman of the Board need only execute contract documents in excess of \$3000. instead of in excess of \$1000; enable the Chief Administrative Officer to execute contracts according to the budget appropriation up to \$3000; and purchasing procedures would be changed to provide for bids on materials and supplies costing more than \$3000. instead of \$2000. Mr. Herkner stated

the Committee also recommends that §17.3 of the Administrative Code be amended to allow the Chief Administrative Officer to make transfers between line items and control accounts in amounts not exceeding \$1000. After discussion, Mr. Herkner moved that these proposed amendments to the Administrative Code be approved and that the matter be heard at the next regular meeting of the Board; seconded by Mr. Calvo; carried.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

Dr. Cleveland reported that during June there were no regular meetings of the Advisory Council or its Committees. He stated 5 members of the Council attended the annual meeting of the Air Pollution Control Association in Cleveland on June 11-16, 1967, and briefly reported on this meeting.

Dr. Cleveland in further reporting stated that on June 22nd several members of the Advisory Council made a trip to the Brentwood-Byron area to view the irrigation ditches and drainage ditches and were given a demonstration of the removal of weeds from an orchard by use of a flaming machine. He stated the group also were given a demonstration of stubble burning of a barley field because of the double cropping in the area.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the Compliance Schedule Status as of June 30, 1967, and to a correlating chart, pointing out that 339 sources were found to be in compliance during the month; 42 companies were brought into compliance, and 106 incinerators were either removed from service or operating in full compliance with Regulation 2.

Mr. Sweeney left at 10:55 A.M.

Mr. Callaghan called attention to Table 2 of the report, Summary of Report of Firms in Complete Compliance, and to Tables 3 and 4, Status Report of Compliance with District Regulations as of IRS files on June 30, 1967, representing a six-months report on the compliance status of the various sources.

Mr. Callaghan stated the Staff has been meeting with industrial groups on the interpretation of Regulation 3 and how it is to be enforced, and that they will continue to meet so that there will be a complete understanding of the interpretation of the regulation, which takes effect January 1, 1968.

Mr. Callaghan in further reporting, called attention to the Enforcement Division report for the month of June, pointing out that 193 violation notices were issued; and 4,077 inspections were conducted. He stated that there is a continuing problem with ship violations and that three cases against steamship companies were transmitted to the Legal department during June. He stated that proposed legislation seeking misdemeanor powers with respect to ship violations would be transmitted to the Board at the end of the year.

Mr. Callaghan reported on the public meeting held in Martinez on June 9, 1967, with respect to the air pollutants being emitted from the Shell Oil Company complex. He pointed out that Shell has invested approximately \$85M in this new plant and that although every type of air pollution control equipment in the plant is of the latest type, there has been a great deal of malfunctioning of the equipment. He stated Shell is reporting any breakdowns to the District and that the Staff is continuing to meet with them. Mr. Callaghan stated that the Contra Costa County Board of Supervisors will hold a public hearing on the matter on August 22nd and that the Staff will be in attendance.

Mr. St. Clair stated that two hog ranches in San Mateo County are creating an odor problem and he inquired as to the District regulation on odors. Mr. Callaghan stated that the District does not have a specific regulation on odor, but that if a petition is submitted to the District signed by a considerable number of persons, an odor problem can be enforced under the Nuisance Section of the District Law, §24360.

Mr. St. Clair referred to the Colma Dump and its violation of Regulation 1 as well as the manner in which it is presently operating. After discussion, Mr. Callaghan stated the Staff would investigate this dump and report to Mr. St. Clair.

Mr. Tamaras inquired as to the status of auto exhaust emissions and Mr. Callaghan advised that the Federal government is preempting this field and has adopted practically the same regulations as the State of California with respect thereto, as well as some new rules on evaporation losses. He stated that automobile manufacturers must comply with the Federal regulations by the 1969 model cars. Mr. Callaghan stated that he would present to the Board at its next meeting a progress report on the activities of the District during the past fiscal year, as well as a source inventory which will include a report on emissions from automobiles.

Mr. Callaghan in continuing his report called attention to the report, Weekend, Early Morning & Evening Coverage-June, 1967, and to the report of the Technical Services Division. He pointed out that there were 7 days of adverse oxidant levels during June, the high being .25 in San Jose on June 28th, and that there were no days when the carbon monoxide levels were in excess of 15 ppm.

Mr. Milton Feldstein, Director of Technical Services, briefly reviewed for the Board the tracer study the District will be conducting during the 1967-68 Fiscal Year under the Federal Grant Air Monitoring program. He stated this will involve generating a stream of fluorescent particles at various sites around the District and tracing the movement thereof thus enabling the Staff to document the movement of particulate particles and gaseous materials throughout the District.

Mr. Callaghan called attention to the report of the PI&E Division-June, 1967.

Mr. Callaghan reported that it was necessary for him to make emergency transfers of funds of \$100. from the Permanent Salary Account to the Temporary Salary Account; \$25. from Account 234A to Account 234B to provide additional funds for the printing of Air Currents; and \$50. from Account 371 to Account 301, for tires.

Mr. Callaghan reported that the City & County of San Francisco has received a grant from the Federal government of approximately \$429,000 for the construction of a pilot incinerator for experimental purposes, the total project costing approximately \$644,870. He stated the District would contribute approximately \$35,000 in engineering and source testing manpower on this project.

Mr. Callaghan stated the Scavengers are proposing to build a large municipal incinerator to dispose of the refuse from San Francisco and other areas, and that they plan to sell the steam generated therefrom to PG&E for electricity. He stated there is concern that such an incinerator will not meet the District's regulations and that as a result, the District is submitting a questionnaire to municipal incinerator operators in various cities in Europe to obtain some basic information on particulate matter, as well as to secure other information.

On inquiry from Mr. Tamaras, Mr. Callaghan stated that the Staff met with Mr. Mellon, Chief Administrative Officer of the City & County of San Francisco, representatives from the Scavengers and others about a month ago on this project. He stated he would advise Mr. Mellon that the District is sending its questionnaire.

On inquiry from Mr. O'Shea, as to the progress on the pilot incinerator being constructed at Food Machinery & Chemical Corporation in San Jose, Mr. Callaghan stated it was not yet complete.

Mr. St. Clair suggested that the City & County of San Francisco be requested to finance a trip to Europe for District personnel to test municipal incinerators there to determine if they meet the District's regulations before such an incinerator is built here. Mr. Callaghan stated this suggestion had been discussed at the meetings with the various interested parties but that it is felt the information requested in the questionnaire should be obtained before such a trip were planned.

Mr. Callaghan reported that there would be a meeting between the Staff and the agriculturists on July 26th to further discuss agricultural burning. Mr. Gness requested Mr. Callaghan to notify the Marin County Farm Bureau of this meeting.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases and Office Conferences dated July 10, 1967, and reviewed it. He also called attention to the report, Variances in Effect as of July 1, 1967.

Mr. Walker called attention to his letter to the Board dated June 29, 1967, on the recent decision of the United States Supreme Court on the subject of examination of private property in the course of administering a public statute, Camara v. Municipal Court, No. 92 U.S.Sup.Ct., June 5, 1967, and reviewed it.

Mr. Calvo left at 12:00 P.M.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly read a letter from Assemblyman John T. Knox, dated July 7, 1967, expressing appreciation to the Board for the resolution of commendation.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., August 2, 1967, at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. O'Shea; seconded by Mr. St. Clair and unanimously carried, the meeting adjourned at 12:05 P.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

SEP 1967

BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
August 2, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on August 2, 1967, with the following members present:

Sam Della Maggioro, William A. Gnoss, Sidney D. Herkner, Laurence D. Kelly, James P. Kenny, Gordon E. Lowe, Kevin O'Shea, Robert B. St. Clair, Arthur W. Smith, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Victor Calvo.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker, Warren Crouse, John T. Donovan, Milton Feldstein, Edward W. McHugh, Kevin Maloney, and Mabel Harder.

Chairman O'Shea called the meeting to order at 10:15 A.M.

On motion of Mr. Kenny; seconded by Mr. St. Clair, the Minutes of the meeting of July 12, 1967, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
Kevin O'Shea, Chairman

Mr. Della Maggiore reporting for Mr. O'Shea, stated the Executive Committee met prior to the Board meeting and received a report on State legislation.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

In the absence of Mr. Calvo, Mr. O'Shea reported that the Budget & Finance Committee met prior to the Board meeting. He presented the Controller's Statement and Cash Position of the District as of June 30, 1967, and moved the approval of the Statement; seconded by Mr. Kelly; carried.

Mr. O'Shea further reported that the Committee recommends the adoption of the following resolution:

Resolution No. 513, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Orders for Capital Equipment for the Federal Air Monitoring Project in Amounts Exceeding \$1,000. On motion of Mr. Della Maggiore; seconded by Mr. Kelly; carried on roll call:

AYES: DELLA MAGGIORE, GNOSS, HERKNER, KELLY, KENNY,
LOWE, O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: CALVO.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

In the absence of Dr. Cleveland, Mr. Callaghan presented the report of the Advisory Council stating that the Ad Hoc Committee to Review Regulation 2 met during July and received preliminary reports on the practicality and feasibility of reducing Ringelmann 2 to Ringelmann 1, and also received some proposed amendments to Regulation 2. The Bay Area Health Committee, on which several Advisory Council members serve, met on July 19th and discussed various functions of the Committee. The Committee was advised that one of its functions could be to guide and assist the Advisory Council in the area of air pollution and health effects.

PROPOSED CHANGES IN DISTRICT ADMINISTRATIVE CODE

Mr. Callaghan called attention to the proposed changes in the Administrative Code, §2.1, §7.1, §14.1, §14.3 and §17.3, which had been approved by the Executive Committee and the Budget & Finance Committee. After discussion, the following resolution was adopted:

Resolution No. 514, In the Matter of Amending the Administrative Code to Provide for Needed Changes in the Contracting Procedures. On motion of Mr. Della Maggiore; seconded by Mr. St. Clair; carried on roll call:

AYES: DELIA MAGGIORE, GNOSS, HERKNER, KELLY, KENNY,
LOWE, O'SHEA, ST. CLAIR, SMITH, SWEENEY, TAMARAS.
NOES: NONE.
ABSENT: CALVO.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the Compliance Schedule Status as of July 28, 1967, and to a correlating chart, pointing out that 143 sources were found to be in compliance during the month; 21 companies were brought into compliance, and 46 incinerators were either removed from service or operating in full compliance with Regulation 2.

Mr. Callaghan called attention to the Enforcement Division report for the month of July, pointing out that 129 violation notices were issued; and 3,732 inspections were conducted. He stated that training classes for the inspectors on Regulation 3 would be held next week.

Mr. Callaghan in continuing called attention to the report, Weekend, Early Morning & Evening Coverage for July, and to the report of the Technical Services Division. He stated there were 7 days of adverse oxidant levels during July, the high being .24 in the Livermore Valley on July 11th, and that there were no days when the carbon monoxide levels were in excess of 15 ppm.

Mr. Callaghan called attention to his report, Proposed San Francisco Incinerator, clarifying his previous remarks concerning the pilot incinerator which San Francisco proposes to build under a grant received from the Federal government.

Mr. Benn Martin, Senior Civil Engineer, City & County of San Francisco, advised the Board that San Francisco has chosen Mr. Bradley B. Garretson as a consultant on the project and that the Southeast Sewage Treatment Plant has been chosen as the site for the pilot model. He stated this is a 3-year program; that construction will be started in about a year,

and that it is planned that an incinerator will be developed which will meet the District's regulations. Mr. Martin stated that the grant from the Federal government was for \$429,000, and that the City is contributing \$215,000.

After further discussion, Mr. St. Clair moved that the Staff inquire from the Department of Health, Education & Welfare as to the number of grants provided by them on solid waste disposal projects, and to obtain any results received to date from these studies with respect to incineration, and further that HEW be requested to provide periodic reports on the matter; seconded by Mr. Della Maggione; carried.

Mr. Herkner advised that LaMarr Industries, Inc., in San Mateo County has a pilot plant incinerator and he requested that the Staff furnish him a report on this incinerator as to whether or not it will meet the District's regulations.

On inquiry from Mr. Kelly, Mr. Feldstein stated that to date the fluorescent particle tracer program has been extremely successful. He stated that the results from the first test conducted on July 18, 1967, showed that pollutants can be carried both north and south at the same time under certain meteorological conditions.

Year-End Report of District Activities

Mr. Callaghan called attention to his report, Summary Report of District Activities for 1966-67 Fiscal Year, dated August 2, 1967, and reviewed it for the Board. He pointed out that during this period Regulation 3 was adopted by the Board; the Staff and the Advisory Council undertook a comprehensive review of Regulation 2; construction of the new District headquarters started; legislation was passed to permit the District to accept Federal assistance for projects in addition to the air monitoring program; a Federal grant had been obtained to add a new source test team and a laboratory technician; Federal support of the library continued; and the Staff and the Advisory Council undertook to develop a workable agricultural control program to be submitted to the Board by November 1, 1967.

Mr. Callaghan stated that the Divisions of the District have attained or exceeded their program objectives for the past fiscal year. He pointed out that 51,966 inspections were conducted; 2,692 violation notices were issued and 1,032 complaints were processed. He stated complete air monitoring stations were established in Richmond and Redwood City; an oxidant station was established in Livermore, and that one will be established in San Rafael during August.

Mr. Callaghan called attention to the report, Source Inventory - 1966, and reviewed it. He pointed out that in spite of an increase of 2.3% in the District's population from 1965 to 1966, the 1966 source inventory of total air pollutants subject to District control increased less than 0.1%, and that the total pollutants in the Bay Area, including automotive sources, dropped 2%. Mr. Callaghan stated that about 65% of the total pollutants in the District are from the automobile and that further reduction in pollutants will be largely from this source.

On inquiry from Mr. Kenny as to the 16% increase in pollutants from the Combustion category, Mr. Crouse stated this results from an increased use of natural gas by the utility industry, and a slight increased use of fuel oil instead of natural gas by refinery operations.

On inquiry from Mr. Herkner as to the District's control over odor problems, Mr. Callaghan stated that an odor problem can be controlled under the Nuisance Section of the District Law, §24360, which requires that there be complaints from a considerable number of persons. Mr. Herkner reported that an odor problem in San Mateo County is to be corrected by some equipment, and Mr. Callaghan suggested that the District personnel inspect this equipment. Mr. Herkner suggested that the Staff contact him so that they could visit the plant together.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Annual Report on Activities of Legal Division dated August 2, 1967. He pointed out that 36 cases were handled by the Legal Division during the past fiscal year, 14 cases being Regulation 1; 21 cases being Regulation 2, and 1 Source Test case. He stated that he was also involved in administrative and legislative matters during this period and that he participated in the formation of Regulation 3.

Mr. Walker stated there were no hearings during July, but that members of the Hearing Board inspected Angel Island, which had been granted an extension of its variance.

COMMUNICATIONS
Secretary Kelly

Mr. Callaghan stated that the District received a certified copy of City of Walnut Creek Resolution No. 2207, which urges the Board to make a policy decision to inform the individual taxpayers of the district whether they will decrease taxes accordingly because of the increased assessed valuation, or whether they will increase their needed services. Mr. Callaghan pointed out that the District's 1967-68 Fiscal Year budget is based on 1966-67 assessed valuations, and not on

the increased assessed valuations. After discussion, Mr. Della Maggiore moved that Mr. Callaghan respond to the communication from the City of Walnut Creek; seconded by Mr. St. Clair; carried.

OTHER

Dr. C. W. Aby, Marin County, and Mr. T. Louis Chess, San Mateo County, former members of the Board, were welcomed to the meeting today.

TIME AND PLACE OF NEXT MEETING

The time and place of the next meeting were set for 10:00 A.M., September 6, 1967, at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. Della Maggiore; seconded by Mr. St. Clair and unanimously carried, the meeting adjourned at 11:45 A.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
September 6, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on September 6, 1967, with the following members present:

Victor Calvo, William A. Gness, Sidney D. Herkner,
Laurence D. Kelly, James P. Kenny, Gordon E. Lowe,
Kevin O'Shea, Robert B. St. Clair, Arthur W. Smith,
Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Sam Della Maggiore.

ADVISORY COUNCIL MEMBER PRESENT: Dr. Theodore K. Cleveland, Chairman.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
John T. Donovan, Milton Feldstein, Edward W. McHugh,
and Mabel Harder.

Chairman O'Shea called the meeting to order at 10:40 A.M.

On motion of Mr. Kenny; seconded by Mr. Kelly, the Minutes of the meeting of August 2, 1967, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE

Kevin O'Shea, Chairman

Mr. O'Shea reported that the Executive Committee met prior to the Board meeting and reviewed State and Federal legislation.

Mr. Sweeney arrived at 10:42 A.M.

Mr. O'Shea stated that in connection with SCR-41 (McAteer-Knox), which establishes a Joint Legislative Committee to study regional government in the Bay Area, a member of the Board will be requested to serve on the Advisory Committee.

REPORT - BUDGET & FINANCE COMMITTEE

Victor Calvo, Chairman

Mr. Calvo presented the Controller's Statement and Cash Position of the District as of July 31, 1967, and moved the approval of the Statement; seconded by Mr. St. Clair; carried.

Mr. Calvo stated the Budget & Finance Committee would not be meeting as regularly as in the past because of the changes in the Administrative Code increasing the amount of inter-fund transfers and the limit on budgeted items which the Chief Administrative Officer is authorized to make.

REPORT - ADVISORY COUNCIL

Theodore K. Cleveland, Chairman

Dr. Cleveland reported that the Agriculture Committee met during August to discuss proposals on controls for burning of orchard pruning, stubble burning, range burning and irrigation ditch waste burning, which were the result of meetings between the Staff and representatives from the agriculture industry and the University of California. He stated the Committee approved the proposals, with some amendments, and will present them to the Advisory Council at its regular meeting on September 27th with the recommendation that they be submitted to the Board of Directors to replace Section 3g of Regulation 1.

Dr. Cleveland stated the Bay Area Health Committee, which has representation from the Advisory Council, will meet during September.

Mr. Callaghan suggested that the Board of Directors set October 4, 1967, 11:00 A.M., at 1480 Mission Street, San Francisco, California, as the time and place for public hearing on amendments to Section 3g of Regulation 1, which expires November 1, 1967. Mr. Lowe so moved; seconded by Mr. St. Clair; carried.

Mr. Callaghan stated the Advisory Council recommendations on agricultural burning would be sent to the Board members prior to October 4th.

REVIEW OF DISTRICT FILM

The District's new film, Cleaner Air: A Progress Report, was shown. Mr. Sweeney suggested that each City Council and each County Board of Supervisors make arrangements to have this film shown to them.

REPORT - CHIEF ADMINISTRATIVE OFFICER D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the report on the number of grants given by the Federal Government for studies on incineration, including landfill, composting, baling and railroad haul. He stated there are several studies in this report of interest to the District and that the staff will try to secure information on them.

With respect to the San Francisco pilot incinerator program, Mr. Callaghan stated that Mr. Herbert C. Johnson, District Senior Air Pollution Engineer, and Mr. Benn Martin, Senior City Engineer, City & County of San Francisco, will be meeting with the manufacturer's representatives next week for further discussion on the matter. He stated he hoped to be able to report to the Board at its October meeting on the Scavenger Companies-PG&E incinerator project.

Mr. Benn Martin in making a progress report to the Board on the City's program, stated it is proposed to design this incinerator to meet the standards of the Los Angeles County Air Pollution Control District for multiple chamber incinerators, and that it is proposed to design a burning chamber which will have simple and inexpensive air pollution control equipment. He pointed out that this type incinerator has never been tried for municipal refuse but in the past has been used for industrial wastes only, so it is not known whether it can meet the BAAPCD's regulations until it is in operation.

Mr. Tamaras inquired as to the possibility of using the design of the European municipal incinerators and Mr. Callaghan stated that it is not known whether or not they meet the

BAAPCD's regulations. He stated the District on July 1st furnished a questionnaire to Metcalf & Eddy, which has been sent to the European incinerator operators, seeking basic information on the operation and emissions of their incinerators but that to date such information has not been received. Chairman O'Shea requested Mr. Callaghan to follow up with Metcalf & Eddy for this information.

Mr. Martin further reported that City representatives have met with representatives from Wheelabrator Corporation, agents for the electrostatic precipitators being used in European incinerators. He also stated that they are trying to accelerate the program so that the time for developing and manufacturing this pilot incinerator will be less than the scheduled 3 years. Mr. O'Shea stated this would be helpful because of the refuse disposal problem facing San Francisco.

Mr. Sweeney left at 11:25 A.M.

Mr. Callaghan stated he would report to the Board at its October meeting on the progress of this program.

Mr. Callaghan called attention to the Compliance Schedule Status as of August 31, 1967, and to a correlating chart, pointing out that 231 sources were found to be in compliance during the month; 37 companies were brought into compliance, and 85 incinerators were either removed from service or operating in full compliance with Regulation 2.

Mr. Callaghan called attention to the Enforcement Division report for the month of August, pointing out that 156 violation notices were issued, and 4,137 inspections were conducted. He called attention to the Record of Observed Violations and to the Violation Notices issued in each County.

Mr. Callaghan called attention to the report, Extended Coverage-August, 1967, pointing out that 33 violation notices were issued on weekends during the month and 25 during morning and evenings.

Mr. Callaghan reported that Shell Oil Company in Martinez has had a great many problems with its equipment since the plant went on stream on May 3, 1967, and that there have been numerous complaints by the citizens in the area. He stated the Staff appeared before the Board of Supervisors of Contra Costa County on August 22, 1967, and he called attention to the Statement presented by him at that meeting, setting forth the District's position with respect to Shell's equipment problems. He stated another hearing by the Board of Supervisors on this matter has been scheduled for October 10th.

Mr. Callaghan stated the Staff has been working with Shell Oil Company to rectify the situation, and that he would report further on the matter at the Board's meeting in November.

Mr. Callaghan in continuing called attention to the Technical Services Division report. He stated the San Rafael Sampling Station would be dedicated on September 21st and that each member of the Board would receive an invitation.

Mr. Callaghan reported that there were 15 days of adverse oxidant level during August, 11 of which were recorded in the Livermore Valley area. He stated there were no days when carbon monoxide levels exceeded the State's standards.

Mr. Callaghan called attention to the report of the Public Information & Education Division.

Mr. Callaghan stated the West Coast Section of the Air Pollution Control Association would meet in San Diego on October 19-20, and that he would furnish information to each Board member on this meeting.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases; Office Conferences; Superior Court Cases, and reviewed it. He also called attention to the report, Variances in Effect as of September 1, 1967.

On motion of Mr. St. Clair; seconded by Mr. Herkner, Resolution No. 515, In the Matter of Authorizing and Directing the Chairman of the Board of Directors to Endorse a Check in the Amount of \$230 Received as Reimbursement of an Insurance Claim; carried unanimously.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly stated there were no communications.

TIME AND PLACE OF NEXT MEETING

The time and place of the next regular meeting were set for 10:00 A.M., October 4, 1967, and the Public Hearing on Section 3g, Regulation 1, for 11:00 A.M., October 4, 1967, at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. St. Clair; seconded by Mr. Calvo and unanimously carried, the meeting adjourned at 12:00 P.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

INSTITUTE OF GOVERNMENTAL
STUDIES LIBRARY

OCT 31 1967

UNIVERSITY OF CALIFORNIA

BOARD OF DIRECTORS REGULAR MEETING

Wednesday
October 4, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on October 4, 1967, with the following members present:

Victor Calvo, Sam Della Maggiore, William Gness,
Sidney D. Herkner, Laurence D. Kelly, James P.
Kenny, Kevin O'Shea, Robert B. St. Clair, Arthur
W. Smith, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Gordon E. Lowe.

ADVISORY COUNCIL MEMBERS PRESENT: Dr. Theodore K. Cleveland,
Chairman; Anthony J. Tarlock.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
John T. Donovan, Milton Feldstein, Herbert C. Johnson,
Edward W. McHugh, Kevin Maloney, and Mabel Harder.

Chairman O'Shea called the meeting to order at 10:30 A.M.

On motion of Mr. Della Maggiore; seconded by Mr. Herkner, the Minutes of the meeting of September 6, 1967, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE

Kevin O'Shea, Chairman

Mr. O'Shea reported that the Executive Committee met prior to the Board meeting and that a Color Committee had been appointed comprised of Messrs. Herkner, Della Maggiore and Gness, to review some of the design elements of the new building.

Mr. O'Shea also reported that the Committee recommends that Mr. Della Maggiore be appointed to represent the District on the Joint Legislation Committee on Regional Organization. Mr. Kenny so moved; seconded by Mr. Herkner; carried on roll call:

AYES: CALVO, GNOSS, HERKNER, KELLY, KENNY, O'SHEA,
ST. CLAIR, SMITH, SWEENEY, TAMARAS.

NOES: NONE.

ABSTAINING: DELLA MAGGIORE

ABSENT: LOWE.

Mr. O'Shea stated the Committee also recommends the adoption of the following Resolutions:

Resolution No. 516, In the Matter of Authorizing the Treasurer to Invest Available Funds. On motion of Mr. Della Maggiore; seconded by Mr. Calvo; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, O'SHEA, ST. CLAIR, SMITH, SWEENEY,
TAMARAS.

NOES: NONE.

ABSENT: LOWE.

Resolution No. 517, In the Matter of Authorizing the Chief Administrative Officer to Sell Certain Books which are No Longer Needed for District Purposes. On motion of Mr. Della Maggiore; seconded by Mr. Kenny; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, O'SHEA, ST. CLAIR, SMITH, SWEENEY,
TAMARAS.

NOES: NONE.

ABSENT: LOWE.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo reported that the annual audit ending June 30, 1967, had been completed and that a copy had been filed with the Chairman.

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of August 31, 1967, and moved the approval of the Statement; seconded by Mr. Herkner; carried.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

Dr. Cleveland reported that the Advisory Council held its regular meeting on September 27th at which it received a report and recommendation from the Agriculture Committee on Section 3g of Regulation 1. Dr. Cleveland stated that the Agriculture Committee had met 6 times on the matter, including 2 field trips, at which representatives from the agricultural industry were present. He stated that it was the unanimous recommendation of the Advisory Council that the Proposed Redraft of Section 3g of Regulation 1 as presented today be adopted.

Dr. Cleveland in further reporting stated that the Public Health Committee reported on a meeting of the Bay Area Health Committee on September 13th. He further reported that the Ad Hoc Committee to review Regulation 2 is continuing its study and that its next meeting would be on October 17th.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the Compliance Schedule Status as of September 29, 1967, pointing out that 73 sources were found to be in compliance during the month; 19 companies were brought into compliance, and 102 incinerators were either removed from service or operating in full compliance with Regulation 2.

Mr. Callaghan called attention to the Enforcement Division report for the month of September, pointing out that 168 violation notices were issued and 4,109 inspections were conducted. He called attention to the Record of Observed Violations in Each County.

Mr. Callaghan called attention to the report, Extended Coverage-September, pointing out that 32 violation notices were issued on weekends and 25 were issued during the morning and evening hours.

Mr. Callaghan called attention to the Technical Services Division report for the month pointing out that the second tracer trial took place on August 15th. He stated that the San Rafael air monitoring station was opened on September 21st and that Directors Smith, Gness and Kelly were present.

Mr. Callaghan reported that there were 11 days of adverse oxidant levels during September, the high being 25 ppm in San Leandro. He stated there were 3 days when the carbon monoxide levels exceeded the State's standards.

Mr. Callaghan called attention to the report of the Public Information and Education Division, stating that Cleaner Air Week would begin on October 22nd.

Mr. Callaghan stated that the West Coast Section of the Air Pollution Control Association, Fourth Technical Meeting, would be held in San Diego on October 19-20, 1967, and he requested that any Board member who would like to attend advise him so that arrangements could be made.

Mr. Callaghan reported on the municipal incinerator project in San Francisco, stating that the questionnaire submitted to Metcalf & Eddy for technical information on European incinerators had not been fully responded to, but that the District did receive information on the particulate matter being emitted, which indicates that such incinerators would meet that phase of the District's regulations.

Mr. O'Shea suggested that since technical information on these new European municipal incinerators was desirable, it might be well for the District to send its personnel to Europe to conduct the necessary source tests to determine if the incinerators would meet the District's regulations. Mr. Callaghan stated that the cost to do this, including shipping the necessary equipment to Europe to make the tests, would be approximately \$5000. Mr. O'Shea suggested that each County be requested to contribute to such cost. On inquiry from Mr. Sweeney as to municipal incinerators in the United States, Mr. Callaghan replied that there were no municipal incinerators in the United States which could meet the District's regulations.

Mr. Tamaras moved that a Committee of 3 members be appointed to investigate the possibility of sending District personnel to Europe and that it explore all sources of financing, reporting to the Board at its next meeting; seconded by Mr. Calvo; carried.

Chairman O'Shea appointed Messrs. Tamaras, as Chairman; Kenny and Della Maggiore to the Incinerator Committee.

Mr. Calvo suggested telephoning the European incinerator operators for the necessary information, and the Committee was requested to explore this possibility.

Mr. Callaghan reported that the Siracusa Corporation has been invited to build a municipal incinerator for the Green Hills Valley Disposal Company in Los Gatos but that the District has no information on this incinerator other than having watched two demonstrations of a pilot model. He stated that on both occasions the plume exceeded the District's regulations. He stated the District has sent a letter to the Green Hills Valley Disposal Company advising them of District regulations on incineration and offering any assistance possible.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases; Office Conferences; Superior Court Cases, and reviewed it. He also called attention to the report, Variances in Effect as of October 2, 1967.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly stated there were no communications.

PUBLIC HEARING ON TERMINATION, MODIFICATION
OR EXTENSION OF SECTION 3g OF REGULATION 1
(AGRICULTURAL BURNING)

Chairman O'Shea called the Public Hearing to order at 11:15 A.M., for the purpose of considering changes in Regulation 1, Section 3g, agricultural burning.

Mr. Walker presented to the Clerk six Affidavits of Publication of Notice of Public Hearing, and Mr. Della Maggiore moved that they be filed; seconded by Mr. Kenny; carried.

Chairman O'Shea requested Dr. Cleveland to read the Proposed Redraft of Section 3g of Regulation 1 as recommended by the Advisory Council.

Mr. Callaghan called attention to his report, Proposed Changes in Regulation 1, 3g, Agricultural Burning, dated October 3, 1967, and reviewed it. He stated there were two sections in the proposed Redraft of Section 3g which the agriculturists would like modified, being §3g(i)(e) - 30% moisture content criteria; and §3g(i) the burning period of December 1 and ending March 31.

Mr. Callaghan pointed out that although the proposed changes in Regulation 1 on agricultural burning does provide a measure of control from this source, it should not be interpreted as a solution to the control of agricultural burning. He stated it was his recommendation that a report be rendered to the Board of Directors by the agriculturists in a year on steps that have been and will be taken to obtain alternate methods of disposal rather than by burning, and that a full and complete report with suggested recommendations for alternate methods of disposal should be made in two years.

Chairman O'Shea asked for communications.

Secretary Kelly stated 39 communications had been received opposing the extension of Section 3(g), and requesting control of agricultural burning, and he read the list of names from whom they were received, which is attached to and made a part of these Minutes.

Chairman O'Shea asked for presentations from the audience, as follows:

Mr. Henry Voss, Chairman
Bay Area Agricultural Clean Air Committee

Mr. Voss stated there was no disagreement in principle to the regulation as proposed but that the agriculturists are in disagreement with the following proposals:

§3g(i) - Agriculturists feel the burning period should be from November 1 through April 30. He stated that historically it has not been possible to complete the pruning and allow time for the wood to dry to burn by March 31. Mr. Voss showed a chart slide of the actual harvest period of the various crops grown from May through November. He also showed a chart slide of labor requirements for pruning deciduous tree fruits, nuts and grapes, pointing out that there are about 1600 skilled pruners in the Bay Area, and that it requires 43,000 manweeks of supplemental labor to prune.

§3g(i)(a) - Agriculturists feel the temperature inversion criteria should be 1800 ft.m.s.l. at the Oakland airport instead of 2500 ft. He stated the inversion climbs very rapidly as you leave the Bay, and that using 2500 ft. at Oakland as the criteria would actually mean 4300 ft. in the Livermore Valley and San Jose areas.

§3g(i)(e) - Agriculturists feel the moisture content should be determined by a 3-week drying period instead of the proposed 30% moisture content criteria because there is insufficient information on the moisture content of prunings.

Mr. L. B. McNelly, Extension Technologist
Air Pollution, University of California
Agricultural Extension Service

Mr. McNelly described the research which the University is conducting on moisture content of prunings. He stated this research will continue during the next pruning season.

Mr. McNelly reported on the studies being conducted by Dr. Albert Miller, Department of Meteorology at San Jose State College, to determine the characteristics of the subsidence layer that occur during the winter and early spring period in the Bay Area and to compare the similarities and differences between the summer-fall subsidence inversion layers and those that occur in the winter. He also reported that a similar study is being conducted by Dr. Todd Crawford, meteorologist with the Radiation Laboratory, in the Livermore Valley area. He stated these studies will continue.

Mrs. S. Feldner, Concerned citizen, Palo Alto, presented a statement to the Board, urging controls on agricultural burning, and continuing research to end burning.

Mr. Sweeney left at 12:25 P.M.

Mr. Antonio Ianastca, Agriculturist, San Jose, spoke in behalf of continuing agricultural burning.

Mrs. Mary Carlisle, Agriculturist, Brentwood, spoke in behalf of continuing agricultural burning.

Mrs. Nancy Wright, Concerned citizen, spoke in opposition to agricultural burning.

At the conclusion of the presentations, Chairman O'Shea opened the matter for general discussion.

Mr. St. Clair inquired if any studies had been conducted on the economic impact to the agriculturists if agricultural burning were eliminated. Mr. Voss stated that such studies have not been made but that the agriculturists had approached the dump operators in Santa Clara County regarding the possibility of the dumps accepting agricultural wastes. He stated the majority of dumps refused to accept this type of material, and felt there was no possible physical solution to disposing of it.

Mr. Callaghan pointed out that the University of California has a research grant to determine the effect of chipping and discing the prunings into the soil and that the results of this study will be known in about two years. He stated the use of chemicals and the possibility of dumping the debris in canyons should be explored. He stated this proposed Redraft of Section 3g should be considered only a stop-gap measure for agricultural burning.

Mr. Della Maggiore moved that the Proposed Redraft of Section 3g of Regulation 1 be adopted with amendments as follows:

§3g(i), change the burning period to December 1 and ending April 30;

§3g(i)(a), change the height of any temperature inversion to 1800 ft. m.s.l. at Oakland airport;

seconded by Mr. Gness. After discussion of this motion, Mr. Della Maggiore withdrew it.

Discussion was held on lowering the height of the temperature inversion from 2500 ft. to 1800 ft. and its effect. Mr. McNelly explained the permissive temperature system by means of a chart. Mr. Feldstein in elaborating on the proposed required height of the temperature inversion pointed out that when the inversion base was 2500 ft. or lower at Oakland, the use of the surface temperature calculation enabled a prediction to be made concerning the height of the inversion base when that temperature is reached. A surface temperature could be calculated which would indicate that the inversion base would rise to 2500 ft. when that temperature is reached, and thus burning would be permitted even though the 4 AM Oakland sounding was below 2500 ft. He indicated that this criterion afforded many more days for burning than the use of the 4 AM sounding alone. He also pointed out that this temperature would vary from day to day, but would be known on the day of a proposed burn.

On inquiry from Mr. Herkner as to the percent of improvement to be achieved if the proposals were adopted in lieu of the present regulation, Mr. Callaghan stated that the same amount of material would be burned, but that due to the criteria being imposed, the burning would be done only on days when the pollutants would be carried away from the area.

Mr. Della Maggiore moved that the hearing be closed; seconded by Mr. St. Clair; carried.

Chairman O'Shea stated the Board would proceed to vote on each section of the regulation and then adopt the final regulation.

Mr. Della Maggiore moved that §3g(i) be amended to set the burning period from December 1 and ending April 30; seconded by Mr. Calvo. In discussion of the motion, Mr. Callaghan suggested that if such an amendment is adopted, the last sentence in said section should be eliminated, reading as follows, "The Air Pollution Control Officer may extend this exception for a reasonable time in unusual circumstances".

After discussion, Mr. Della Maggiore moved to amend his motion to include the deletion of the last sentence of §3g(i); seconded by Mr. Calvo. The motion as amended, carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, O'SHEA,
ST. CLAIR, SMITH, TAMARAS.
NOES: KELLY, KENNY.
ABSENT: LOWE, SWEENEY.

Mr. Della Maggiore moved that §3g(i)(a) be amended to set the height of any temperature inversion as measured at the Oakland Airport at 2000 ft. m.s.l.; seconded by Mr. O'Shea. The motion lost on roll call:

AYES: DELLA MAGGIORE, O'SHEA, TAMARAS.
NOES: CALVO, GNOSS, HERKNER, KELLY, KENNY, ST. CLAIR,
SMITH.
ABSENT: LOWE, SWEENEY.

Mr. Della Maggiore moved that Resolution No. 518, In the Matter of Amending Regulation 1 to Provide for Regulation of Agricultural Burning and to Provide for Further Study of the Subject of Alternate Methods of Disposal, as amended, be adopted; seconded by Mr. Kenny; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, O'SHEA, ST. CLAIR, SMITH, TAMARAS.
NOES: NONE.
ABSENT: LOWE, SWEENEY.

TIME AND PLACE OF NEXT MEETING

The time and place of the next regular meeting were set for 10:00 A.M., November 1, 1967, at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, the meeting adjourned at 1:50 P.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

mh

Attachment.

October 4, 1967

BOARD OF DIRECTORS PUBLIC HEARING
ON REGULATION 1, SECTION 3(g)

THE FOLLOWING COMMUNICATIONS HAVE BEEN RECEIVED OPPOSING
THE EXTENSION OF SECTION 3(g), AND REQUESTING CONTROL ON
AGRICULTURAL BURNING

Dr. Van Vleck Chambers
Department of Allergy
Palo Alto Medical Clinic
300 Homer Avenue
Palo Alto 94301

Mrs. William C. Dunckel, Jr.
20820 Scenic Vista Drive
San Jose 95120

Dr. Richard A. Kramer
Palo Alto Medical Clinic
300 Homer Avenue
Pal Alto 94301

Nancy Lowell Compton
191 Sussex Street
San Francisco 94131

Mrs. R. Springsteen
71 Twain Avenue
Berkeley 94708

Dr. Dwight C. Babcock
431 Monterey Ave.
Los Gatos 95030

Jack C. Worthen, Jr.
191 Sussex Street
San Francisco 94131

John M. Karon
248 O'Connor Street
Menlo Park 94022

Mrs. Silvia Ratner
3331 Thomas Drive
Palo Alto 94303

Mrs. Robert L. Day
205-7 Stanford U
Stanford

Sarah Barrows
465 Calderon
Mountain View 94040

Saul W. Chaikin
511 Entrada Way
Menlo Park

Mrs. M. L. Wright
1718 Mossbrook Avenue
San Jose

Robert and Sally O'Rork
1647 Canyon View Drive
San Jose

Mrs. Frank P. Loveall
166 Holland Court
Mountain View 94040

G. Bock
964 Hamilton Ave.
Palo Alto 94301

Ann A. Wood
4016 Orme
Palo Alto 94306

Warren R. Wood
4016 Orme
Palo Alto 94306

Melvin Wright, Chairman
Loma Prieta Chapter
Sierra Club
697 Benvenue Ave.
Los Altos

Neil Bostick, President
Stanford Conservation Group
Box 6006
Stanford 94305

Dr. William E. Chapman III
3583 Louis Road
Palo Alto 94303

Mrs. William A. Clebsch
847 Mayfield Ave.
Stanford 94305

John E. Draper
826 Chapman Street
San Jose 95126

Dr. William J. Sayer
445 Burgess Drive
Menlo Park 94025

William F. Barrows
465 Calderon
Mountain View 94040

Dr. William C. Sawyer, President
Allergy Foundatikn of N. Calif.

Doris Dawdy
3139 Avalon Court
Palo Alto 94306

David J. Raymond
248 O'Connor
Menlo Park 94025

Mr. & Mrs. Hilbert Morales
3611 Bryant Street
Palo Alto

Dr. Milton M. Hartman
450 Sutter Street
San Francisco

Mr. & Mrs. John J. Specht
50 Roosevelt Circle
Palo Alto 94306

James L. Cox
1865 Alma Street
Palo Alto 94301

Mr. & Mrs. P. L. Kahnbuhl
1149 White Drive
Santa Clara 95051

Santa Clara County Medical Society
Dwight C. Babcock, M.D., Chairman
Air Pollution Committee

John H. Bloomer
3878 Corina Way
Palo Alto 94303

Dr. William H. Marshall
Associate Professor of Radiology
Stanford University School of Medicine
Stanford Medical Center
Palo Alto 94304

Suzanne S. Capie
10564 Cordova Road
Cupertino

Mrs. Rachel W. Bell
1082 Metro Circle
Palo Alto 94303

Dr. and Mrs. G. L. Tyler
75 Roosevelt Circle
Palo Alto

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday ✓
November 1, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on November 1, 1967, with the following members present:

Victor Calvo, Sam Della Maggiore, William Gness,
Sidney D. Herkner, Laurence D. Kelly, James P.
Kenny, Kevin O'Shea, Robert B. St. Clair, Arthur
W. Smith, Leland W. Sweeney, Peter A. Tamaras.

BOARD MEMBER ABSENT: Gordon E. Lowe.

ADVISORY COUNCIL MEMBER PRESENT: Dr. Theodore K. Cleveland,
Chairman

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
John T. Donovan, Milton Feldstein, Herbert C. Johnson,
Edward W. McHugh, Kevin Maloney, and Mabel Harder.

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STUDIES LIBRARY

DEC 1 1967

UNIVERSITY OF CALIFORNIA

Chairman O'Shea called the meeting to order at 10:15 A.M. On motion of Mr. St. Clair; seconded by Mr. Della Maggiore, the Minutes of the meeting of October 4, 1967, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
Kevin O'Shea, Chairman

Mr. O'Shea reported that the Executive Committee met prior to the Board meeting and received a progress report on the District's new building. He stated the Committee also received a report on Federal legislation.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo reported that the Budget & Finance Committee met prior to the Board meeting and recommends the adoption of the following resolution:

Resolution No. 519, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Orders for Capital Equipment for the Federal Air Monitoring Project in Amounts Exceeding \$3,000. On motion of Mr. Calvo; seconded by Mr. Kenny; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, O'SHEA, ST. CLAIR, SMITH, SWEENEY.
NOES: NONE.
ABSENT: LOWE, TAMARAS.

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of September 30, 1967, and moved the approval of the Statement; seconded by Mr. Sweeney; carried.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

Dr. Cleveland reported that during October there was a meeting of the Ad Hoc Committee to Review Regulation 2, which is continuing its study of possible changes to Regulation 2. He stated the various industries affected have been working with the Committee and that its next meeting will be on November 21st. Dr. Cleveland stated the next regular meeting of the Council would be on November 29th.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the Compliance Schedule Status as of October 30, 1967, pointing out that 182 sources were found to be in compliance during the month; 43 companies were brought into compliance, and 84 incinerators were either removed from service or operating in full compliance with Regulation 2.

Mr. Callaghan called attention to the Enforcement Division report for the month of October, pointing out that 176 violation notices were issued and 4,269 inspections were conducted. He called attention to the Record of Observed Violations in Each County and to the Violation Notices issued. Mr. Sweeney stated he was concerned about the number of violations in Alameda County as compared to the other counties and in reply, Mr. Callaghan pointed out that this County has the largest number of sources. Mr. Sweeney advised that Mr. Callaghan is to appear before the Alameda County Board of Supervisors on December 12th to discuss the District's operations.

Mr. St. Clair advised of an odor problem around Alemany Blvd. today, and Mr. Callaghan stated that the Redevelopment Agency is reviewing this area known as "Butcher Town" and that the District has been working with them as respects air pollution problems. He stated there is a possibility the area will be redeveloped.

Mr. Herkner advised of large black plumes at the San Francisco International Airport this morning. Mr. Callaghan stated he would check into the matter.

Mr. Tamaras arrived at 10:35 A.M.

Mr. Calvo stated that the City of Sunnyvale had a failure in its sewer plant and that there has been a bad odor throughout most of the county recently. Mr. Callaghan stated the District investigated this plant previously when there had been a breakdown and that he would investigate this recent trouble and advise Mr. Calvo.

Mr. Kenny inquired if the District had odor detecting equipment in its air monitoring stations. Mr. Callaghan stated that it did not, but that immediately upon a receipt of a complaint of an odor problem, an inspector is sent into the area to investigate.

Mr. Gness inquired as to the results obtained from the air monitoring station recently installed at San Rafael. Mr. Feldstein stated this station was an oxidant-only monitoring station and that oxidant in excess of 0.15 ppm has been recorded several times at this station since it has been in operation.

Mr. Calvo left at 10:40 A.M.

Mr. Callaghan in reporting on the operations of the Owens Corning Fiberglas Corporation in Santa Clara County, stated that making fiberglas is a dirty operation and that the Company had spent millions of dollars on air pollution control equipment. He stated this air pollution control equipment had to be engineered because the Company was pioneering the field and that most of the time Owens Corning is in compliance with the District's regulations. He also advised that Owens Corning had submitted a report on equipment which has broken down three or more times in the past month and that after the Staff has had an opportunity to review this report, they will meet with Owens Corning representatives to discuss it. He stated that if there is continual breakdown of equipment, the District may require them to install standby equipment. He also advised that the noise problem at this plant has been abated by a silencer.

In continuing his monthly progress report, Mr. Callaghan called attention to the report, Extended Coverage-October, 1967, pointing out that 41 violation notices were issued on weekends and 28 were issued during the morning and evening hours. He stated that with Standard Time now being in effect this surveillance will be discontinued unless it is found that there are an unusual number of violations occurring.

Mr. Callaghan called attention to the Technical Services Division report, pointing out that the third fluorescent tracer trial took place on October 3rd with a release from Point Molate in Richmond. He stated a report on the results of these studies would be made when they are completed.

Mr. Callaghan reported that there were 7 days of adverse oxidant levels during October, the high being 0.24 ppm in Walnut Creek on October 18th. He stated carbon monoxide was prevalent during October, the high being 42 ppm in San Francisco on October 29th.

Mr. Callaghan called attention to the report of the Public Information and Education Division, pointing out that the District film, "Cleaner Air: A Progress Report" had been shown seven times during the month.

Mr. Callaghan reported that it was necessary for him to make an emergency transfer of \$250. from the Salary Account to the Witness Fee Account in connection with a case before the Hearing Board.

Mr. Callaghan called attention to the report, Procedure for Agricultural Burning, and reviewed it. He stated the Staff met with the agricultural industry last Friday for the purpose of discussing the mechanics in complying with Regulation 1, Section 3g. He stated the District is attempting to make it as easy as possible for the agriculturists to determine if they can burn, and that from December 1 through April 30 radio station KNBR will broadcast daily at 8:59 a.m. whether or not it is a "burn" or "no burn" day. He stated the District is installing two telephone lines separate from the present telephone number to handle calls in connection with agricultural burning. He stated information bulletins on Field Measurement of Temperature and Estimation of Wind Speed will be mailed to about 3500 agriculturists to assist them in determining whether or not they comply with all the requirements of the regulation.

Mr. St. Clair left at 10:50 A.M.

Mr. Callaghan in commenting on Regulation 3 stated that as required by §4103 the District has received about 200 letters requesting additional time for compliance after the effective date of January 4, 1968. He stated most of these requests are in connection with complying coatings used in the painting industry. He stated that the District has advised the manufacturers of building finishes and industrial coatings that they should start manufacturing complying coatings after January 4th, and that retail operators have been advised that they will be allowed to sell non-complying coatings in their present inventory until July 4, 1968.

Mr. Callaghan reported on the Air Pollution Control Association West Coast Section meeting held in San Diego on October 19-20, 1967. He stated that Mr. Walker appeared on the Legal panel, and Mr. Feldstein appeared on the Solvents panel. Chairman O'Shea requested that each Board member be provided with a written report on the panels on which the Staff served. Mr. Callaghan in briefly reporting on the Automotive panel stated that it was generally agreed that the air pollution control devices on automobiles show fairly good results but that the greater the mileage on the car the less effective the device becomes. He stated the main problem is one of good maintenance of the devices and the vehicle and that there was some discussion about requiring an annual inspection program.

Mr. O'Shea left at 11:07 A.M.

Mr. Feldstein reviewed the District's proposed Maintenance Grant application to be submitted to the Department of Health, Education & Welfare for the 1968-69 Fiscal Year, for air monitoring, source test program and library. He presented a report, Summary of Maintenance Program, and reviewed it, pointing out that this program would not increase the number of employees and that it would result in a savings to the District of \$17,210.

After discussion, Mr. Sweeney moved that the Board approve the Maintenance Grant application in principle; seconded by Mr. Kenny; carried.

Mr. Tamaras reported on the determinations of the Incinerator Committee to date. He stated that test results on three European incinerators were received on October 20, 1967, which indicated probable compliance with the District's regulation for particulate emissions. He stated no information was included indicating hydrocarbon or carbonyl contents or on the opacity of the plumes. Mr. Tamaras stated that from the information available to date it may be concluded that if cost is not a factor, it should be possible to design steam generating incinerators capable of meeting the District's regulations. Mr. Tamaras stated that the Committee will continue to investigate this matter.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases, and reviewed it. He also called attention to the report, Variances in Effect as of November 1, 1967.

Mr. Walker in commenting on the odor problem in the "Butcher Town" area stated that this is not a violation of the District's Act unless a considerable number of people complain to the District about it, and that to date sufficient complaints have not been received in order to proceed with formal action.

Mr. Walker in commenting on emissions from aircraft, pointed out that since aircraft are under the jurisdiction of the Federal Government, it would be necessary for the District to find ways to regulate them without being in conflict with the Federal jurisdiction. He stated that research is being done on fuel additives and that the aircraft industry is working diligently on eliminating air pollution.

Mr. Walker stated that a number of violations shown in the Enforcement Division report, especially in Alameda County, are from steamships.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly stated the following communications have been received favoring controls on agricultural burning:

Mrs. Alma L. Webster
Cupertino

Mrs. Clyde Childress
Palo Alto

Mrs. John L. Levinsohn
San Rafael

Mrs. M. L. Wright
San Jose

TIME AND PLACE OF NEXT MEETING

The time and place of the next regular meeting were set for 10:00 A.M., December 6, 1967, at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, on motion of Mr. Herkner; seconded by Mr. Kelly and unanimously carried, the meeting adjourned at 11:30 A.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

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BAY AREA
AIR POLLUTION CONTROL DISTRICT
1480 Mission Street
San Francisco, California 94103
552-1300

BOARD OF DIRECTORS REGULAR MEETING

Wednesday ✓
December 6, 1967
10:00 A.M.

1480 Mission Street
San Francisco
California 94103

M I N U T E S

A regular meeting of the Board of Directors of the Bay Area Air Pollution Control District was held on December 6, 1967, with the following members present:

Victor Calvo, Sam Della Maggiore, William Gness, Sidney D. Herkner, Laurence D. Kelly, James P. Kenny, Gordon E. Lowe, Kevin O'Shea, Robert B. St. Clair, Arthur W. Smith, Peter A. Tamaras.

BOARD MEMBER ABSENT: Leland W. Sweeney.

ADVISORY COUNCIL MEMBER PRESENT: Dr. Theodore K. Cleveland,
Chairman.

HEARING BOARD MEMBER PRESENT: E. Spencer Bodine.

STAFF MEMBERS PRESENT: D. J. Callaghan, Matthew S. Walker,
John T. Donovan, Milton Feldstein, Edward W. McHugh,
and Mabel Harder.

INSTITUTE OF GOVERNMENTAL

Chairman O'Shea called the meeting to order at 10:40 A.M. On motion of Mr. Della Maggiore; seconded by Mr. St. Clair, the Minutes of the meeting of November 1, 1967, were unanimously approved.

REPORT - EXECUTIVE COMMITTEE
Kevin O'Shea, Chairman

Mr. O'Shea reported that the Executive Committee met prior to the Board meeting and received a report on the District's new building. He stated the Committee recommended that the contract with the associate engineer employed by the District to supervise the concrete work being done in the new building, be extended for one month.

Mr. O'Shea further reported that the Committee discussed proposed legislation which would give the District civil injunctive procedures in its enforcement of Regulation 2 as respects vessels, vehicles and plants.

Mr. O'Shea further reported that the Committee received a report on the investment of District funds in U. S. Treasury Bills for a 90-day period which will yield approximately \$2500. in interest.

Mr. O'Shea stated the Committee approved out-of-state travel for three District employees.

REPORT - BUDGET & FINANCE COMMITTEE
Victor Calvo, Chairman

Mr. Calvo reported that the Budget & Finance Committee met prior to the Board meeting and recommends the adoption of the following resolutions:

Resolution No. 520, In the Matter of Authorizing the Chairman of the Board of Directors to Sign Purchase Order in Amount Exceeding \$3,000. On motion of Mr. Della Maggiore; seconded by Mr. Kenny; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, LOWE, O'SHEA, ST. CLAIR, SMITH.
NOES: NONE.
ABSENT: SWEENEY, TAMARAS.

Resolution No. 521, In the Matter of Authorizing a Transfer of Funds for the Purchase of a Lightweight Motion Picture Projector and Authorizing the Sale of the Motion Picture Projector Now Owned by the District. On motion of Mr. Calvo; seconded by Mr. Kelly; carried on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, LOWE, O'SHEA, ST. CLAIR, SMITH.
NOES: NONE.
ABSENT: SWEENEY, TAMARAS.

Mr. Calvo presented the Controller's Appropriation Statement and Cash Position of the District as of October 31, 1967, and moved the approval of the Statement; seconded by Mr. Herkner; carried.

REPORT - ADVISORY COUNCIL
Theodore K. Cleveland, Chairman

Dr. Cleveland reported that the Advisory Council held its regular meeting on November 29th, at which it received a report from the Ad Hoc Committee to Review Regulation 2. He stated the Ad Hoc Committee met on November 21st, at which interested industries were present and that the Committee requested industry representatives and the District Staff to meet to discuss the proposed Ringelmann 1 and/or Combined Plume amendment to Regulation 2, to determine the feasibility and practicality of this amendment and report to the Committee at its next meeting.

Dr. Cleveland further reported that the Council also received a report from the Agriculture Committee as to the amendments to Regulation 1, Section 3g, adopted by the Board at its October meeting. He stated a report on the Bay Area Health Committee meeting held November 8th was also received and that this Committee continues to evaluate reports on the influence of pollutants to health of individuals.

Mr. Tamaras arrived at 10:55 A.M.

REPORT - CHIEF ADMINISTRATIVE OFFICER
D. J. Callaghan

Monthly Progress Report

Mr. Callaghan called attention to the Compliance Schedule Status as of November 30, 1967, pointing out that 449 sources were found to be in compliance during the month; 108 companies were brought into compliance and 49 incinerators were either removed from service or operating in full compliance with Regulation 2.

Mr. Callaghan called attention to the Enforcement Division report for the month of November, pointing out that 202 violation notices were issued, and 4,887 inspections were conducted. He called attention to the Record of Observed Violations in Each County and to the Violation Notices issued, and to the report, Extended Coverage-November, 1967, pointing out that during November 22 violation notices were issued on weekends and 17 during early morning hours.

Mr. Callaghan in reporting on agriculture burning, stated that burning was not allowed during November but that 24 warning notices were issued. He stated that from December 1st to date only a few telephone calls had been received each day requesting permission to burn.

Mr. Callaghan briefly reviewed the procedures for agricultural burning, stating that radio stations KNBR, San Francisco, and KEEN, San Jose, will broadcast daily at 8:59 A.M. whether or not it is a "burn" or "no burn" day. He stated that if it is a "burn day" the agriculturist wanting to burn on that day should telephone the District at a special telephone number for that purpose - 989-5133 - to obtain the temperature necessary at the burn site. Mr. Callaghan stated that to date no complaints have been received from the agriculturists on the procedures established for burning.

Mr. Callaghan called attention to the Technical Services Division report, pointing out that a site in San Jose was chosen for the District's fourth tracer trial, and that sites for two partial monitoring stations were chosen in the Fremont and San Francisco International airport areas.

Mr. Callaghan reported that there was one day of adverse oxidant levels during November, the high being .20 ppm in San Leandro on November 1st. He stated there were 14 days when the carbon monoxide levels exceeded 15 ppm.

Mr. Kelly inquired as to the uses of beryllium in the District and Mr. Feldstein replied that beryllium is used in the space industry in Santa Clara and San Mateo Counties. He stated that beryllium is highly toxic and that the District continually monitors for it to determine that the standards are not exceeded, but that the District has never found any excess beryllium in any of the areas around the plants using it.

Mr. Callaghan called attention to the report of the Public Information and Education Division, pointing out that 11,676 copies of 40 different publications were distributed during the month, and that Staff representatives spoke to eight organizations at meetings.

Mr. Callaghan reported that the State Air Resources Board went into effect November 8th but that there have not been any meetings of that Board because Governor Reagon has not appointed the members. Mr. Callaghan stated that the County of Marin forwarded a letter to the District which it had received from Mr. Eric Grant, Executive Director of the Air Resources Board, on the matter of air pollution. Mr. Callaghan stated he talked with Mr. Grant and advised him that the responsibility for air pollution in the 6-Bay counties rests with the Board of Directors of the BAAPCD and that any communications should be addressed to them.

Mr. Callaghan called attention to the pamphlet on the Joint Legislative Committee, Bay Area Regional Organization, prepared by the Bay Area Council. He pointed out that this

Committee had its first hearing in San Mateo County on December 1st, and another in Santa Clara County on December 4th. He also pointed out that at the Committee's hearings on April 9-11, 1968, in San Francisco, Agency Presentations are scheduled to be heard. He stated that the District Board should adopt an official policy statement to present at this hearing, and that the Staff will draft a report and submit it to the Board before its next meeting so that the matter can be discussed in Executive Committee.

Mr. St. Clair in reporting on the hearing held in San Mateo County, stated that the Board of Supervisors of San Mateo County has unanimously endorsed a policy against direct areawide election for any type multi-purpose agency, and that representation on any regional board should be on the basis as appointments to the BAAPCD Board.

Mr. Callaghan stated that at this hearing some people suggested that the Committee consider the consolidation of existing agencies, such as the BAAPCD, Water Quality Control Board, Bay Conservation and Development Commission and waste disposal. He pointed out that there are three area problems involved in regional government: (1) representation; (2) financing, and (3) areas to be included.

Mr. Della Maggiore in reporting on the hearing held in Santa Clara County, stated that the Board of Supervisors of Santa Clara County are in accord with the policy adopted by San Mateo County. He stated that Santa Clara County feels there will be an increase in taxes if regional government is established, and further it feels that the special districts are doing a good job and that ABAG should continue in its role as an advisory group. Mr. Della Maggiore stated that the Advisory Committee to the Joint Legislative Committee, on which he serves, has not met.

Mr. Kenny stated that the Board should adopt a policy statement on regional government which can be used as a guide by Mr. Della Maggiore in his capacity as a member of the Advisory Committee.

REPORT - DISTRICT COUNSEL
Matthew S. Walker

Mr. Walker called attention to his report, Hearing Board Cases, and reviewed it. He also called attention to the report, Variances in Effect as of December 1, 1967.

Mr. Walker reported that four cases on proportional representation have been docketed by the U. S. Supreme Court. He briefly reviewed the one case which has been briefed and argued, Avery v. Midland County, Texas, and advised

the Board that he would keep them informed as to the Supreme Court decisions in these matters.

Mr. Walker reported that the District had applied for a tax exemption on the property purchased for the new building and that the matter was to be before the Board of Supervisors, City and County of San Francisco, today.

On motion of Mr. Della Maggiore; seconded by Mr. Calvo, Resolution No. 522, In the Matter of Expressing Appreciation to Members of Congress for Action on the Clean Air Act of 1967, was unanimously adopted on roll call:

AYES: CALVO, DELLA MAGGIORE, GNOSS, HERKNER, KELLY,
KENNY, LOWE, O'SHEA, ST. CLAIR, SMITH, TAMARAS.
NOES: NONE.
ABSENT: SWEENEY.

COMMUNICATIONS
Secretary Kelly

Mr. Kelly reported there were no communications.

TIME AND PLACE OF NEXT MEETING

On motion of Mr. Della Maggiore; seconded by Mr. Gness, and unanimously carried, the time and place of the next regular meeting were set for 10:00 A.M., January 4, 1968, at 1480 Mission Street, San Francisco, California.

There being no further business to come before the Board, the meeting adjourned at 11:55 A.M.

Respectfully submitted,

Laurence D. Kelly, Secretary.

mh

U.C. BERKELEY LIBRARIES



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